CLAIMS

What is claimed is:

A video signal conversion method for a computer that is not installed with or has not loaded in any OS (Operating System), which comprises the steps of:

5 obtaining a power on signal;

obtaining a channel selection signal when the power on signal is a TV selection signal;

obtaining a video signal according to the channel selection signal;

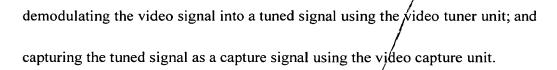
capturing the video signal; and

driving a display to turn the video signal into a visible image.

- 10 2. The method of claim 1 further comprising the step of loading in an OS when the power on signal is an operation selection signal.
 - 3. The method of claim 1 further comprising the step of initializing a video control unit, a video tuner unit, and a video capture unit.
 - 4. The method of claim 3, wherein the video control unit is a VGA chip.
- 15 5. The method of claim 3, wherein the video tuner unit is a video tuner chip.
 - 6. The method of claim 3, wherein the video capture unit is a video capture chip.
 - 7. The method of claim 3 further comprising the step of initializing an audio control unit.
 - 8. The method of claim 7, wherein the audio control unit is an audio chip.
- 9. The method of claim 1, wherein the step of capturing the video signal further comprises the steps of:

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- 10. The method of claim 1, wherein the step of driving a display to turn the video signal into a visible image further comprises the steps of turning the capture signal into a visible image using the video control unit.
- 11. The method of claim 10 further comprising the step of initializing a ZV port between the video capture unit and the video control unit.
- 12. The method of claim 1, wherein the computer is a notebook computer.
- 13. A video signal conversion method for a computer that is not installed with or has not loaded in any OS (Operating System), which comprises the steps of:

obtaining a power on signal;

initializing a VGA chip, a video tuner chip, and a video capture chip when the power on signal is a TV selection signal;

obtaining a channel selection signal;

- obtaining a video signal according to the channel selection signal;

 demodulating the video signal into a tuned signal using the video tuner chip;

 capturing the tuned signal as a capture signal using the video capture chip; and

 driving a display to turn the capture signal into a visible image using the VGA chip.
 - 14. The method of claim 13 further comprising the step of loading in an OS when the power on signal is an operation selection signal.
 - 15. The method of claim 13 further comprising the step of initializing an audio chip.

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initializing a ZV port between the video capture chip and the VGA chip; and transmitting the capture signal to the VGA chip through the ZV port.

17. The method of claim 13, wherein the computer is a notebook computer.